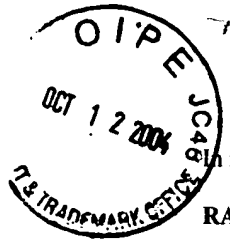


IFW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of
RAGHURAMAN et al.

Application No.: 10/782,209

Filed: February 19, 2004

For: SPECTROSCOPIC pH MEASUREMENT USING
OPTIMIZED MIXTURES OF REAGENTS TO EXTEND
MEASUREMENT RANGE

Customer Number 37003
Group Art Unit: 2878

Examiner: N/A

Attorney Docket No.: 60.1564 US NP

Certificate of Mailing
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Hon. Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.
Lorraine Ronnlund October 7, 2004
Lorraine Ronnlund Date

INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT
Honorable Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, 1.97 and 1.98, the Applicant wishes to bring the reference materials listed in the attached Form PTO-1449 to the attention of the U. S. Patent and Trademark Office. Copies of the references are provided for the Examiner's convenience.

No representation is made or intended that a complete and exhaustive prior art search has been made, or that no better references than those set forth below are available. Furthermore, this Statement does not constitute an admission that these references are properly citable against the present application as prior art. It is respectfully requested that these references be considered by the Examiner and formally made of record in this case.

This information disclosure statement is being filed before receipt of the first office action. Therefore, applicants believe that no fees are due. However, in the event that the first office action has been mailed prior to the filing of this information disclosure statement, the Commissioner is authorized to charge Deposit Account No. 19-0615 in the amount of \$180.00, to cover the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under §1.97(c). The Commissioner is authorized to charge or credit any deficiency/overpayment to Deposit Account No. 19-0615. Two copies of this paper are attached.

Respectfully submitted,

Jody Lynn DeStefanis, Reg. No. 44,653

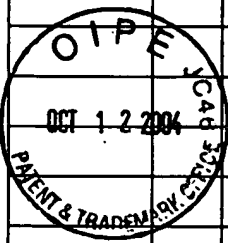
Schlumberger-Doll Research
36 Old Quarry Road
Ridgefield, Connecticut 06877-4108
(203) 431-5505

Date: October 7, 2004

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO: 60.1564 US NP	SERIAL NO.: 10/782,209
	APPLICANT: RAGHURAMAN et al.	EXAMINER:
	FILING DATE: February 19, 2004	GROUP: 2878

U.S. PATENT DOCUMENTS

Exam Init.	Document Number	Date	Name	Class	Sub-class	Filing date if appropriate
	US20040129874	7/8/04	Torgersen et al.	250	255	9/22/03



FOREIGN PATENT DOCUMENTS

Exam Init.	Document Number	Date	Country	Class	Sub-class	Translation	
						Yes	No
	2 395 555	5/26/04	Great Britain	G1B	BAA		

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	Bates, R. G. <i>Determination of pH: Theory and Practice.</i> John Wiley (1964) Chapter 6 pp. 131-171
	Bevington, P.R. and Robinson, D.K. <i>Data Reduction and Error Analysis for the Physical Sciences.</i> McGraw Hill, 3rd Edition, (2003) Chapter 3, pp. 36-41.
	Vogel, A.I. <i>A Text-Book of Quantitative Inorganic Analysis.</i> John Wiley, 3rd Edition (1961) Chapter I, 30. p.59.
	Wright, John C. <i>Authentic Learning Environment in Analytical Chemistry Using Cooperative Methods and Open-Ended Laboratories in Large Lecture Courses.</i> Journal of Chemical Education.(Sep 1996) Vol. 73, p. 827.

EXAMINER	DATE CONSIDERED
-----------------	------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant